

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing Of Claims:**

Please amend the claims as follows:

1. (Currently Amended) A system for bi-directional power distribution line communication, the system configured for data communication with an endpoint transceiver located at a customer premise, the system comprising:
  - a timer server ~~in electrical communication with the transceiver, the time server~~ configured to retrieve the time; and
  - a substation controller in electrical communication with a power distribution line, the substation controller including a substation transceiver and substation programmable circuit, the substation programmable circuit including a substation clock, the substation programmable circuit programmed to periodically retrieve the time from the time server to calibrate the substation clock to the retrieved time; and to control the substation transceiver to transmit the time to the endpoint transceiver.
2. (Currently Amended) The system of claim 1, wherein:
  - the time server is programmed to adjust the time for the time zone in the geographic region in which the system is located to determine an adjusted time; and
  - the time retrieved by the transceiver programmable circuit is the adjusted time.

3. (Currently Amended) The system of claim 1, wherein:  
the substation programmable circuit is further programmed to adjust the time for  
the time zone in the geographic region in which the system is located to determine an  
adjusted time; and  
the time retrieved transmitted by the substation transceiver is the adjusted time.
4. (Currently Amended) The system of claim 3, wherein:  
the substation programmable circuit is further programmed to adjust the time for  
daylight savings time during period where the geographic region in which the system is  
located recognizes daylight savings time.
5. (Original) The system of claim 1 wherein the time retrieved by the time  
server is Universal Time Coordinated (UTC).
6. (Original) The system of claim 1 wherein the time is retrieved from the  
global positioning system.
7. (Original) The system of claim 1 wherein the time is retrieved from a radio  
signal carrying the time generated from an atomic clock.
8. (Currently Amended) The system of claim 1 wherein the substation  
programmable circuit is programmed to send control the substation transceiver to  
transmit the time to the endpoint transceivers transceiver about once every five minutes.

9. (Currently Amended) The system of claim 1 further comprising ~~the endpoint transceiver~~, the endpoint transceiver including a an endpoint programmable circuit and an endpoint clock, the endpoint transceiver programmed to calibrate the endpoint clock to the time received from the substation controller upon receiving the time from the substation controller.